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SHILDON URBAN DISTRICT COUNCIL

REPORT

OF THE

MEDICAL OFFICER OF HEALTH

OF THE

SHILDON URBAN DISTRICT COUNCIL

FOR THE

YEAR

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SHILDON URBAN DISTRICT COUNCIL

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Chairman of the Council 1953-1954

ALD. G. COATES. C. C.

Vice-Chairman: COUN. W. EDWARDS.

Chairman of the Health Committee: Councillor W.H. GIBSON.

Chairman of the Housing Committee: Councillor M. MASON.

COUNCILLORS

A. ASTON.	G. W. KIRTLEY.	W. NUNN.
C.T. BROWNLESS.	G. LAYCOCK.	W. STOKOE.
G. BLACK.	F. H. MANNERS.	T. W. STOREY.
P.R. DOUTWAITE.	T. McDONALD.	F. THORNTON.
A. F. HENDERSON.	T. B. NICKLIN.	B. WALKER. J.P.

G. C. GIBSON. (Resigned 15th June, 1953.)

F. PICKERING. (Elected 28th October, 1953)

PUBLIC HEALTH OFFICERS OF LOCAL AUTHORITY

Medical Officer of Health (Part-time):

P. V. ANDERSON, M.B., B.S.

Sanitary Inspector:

W. K. HILL., M.B.E., M.R.San.I.
A.I.Hsg.

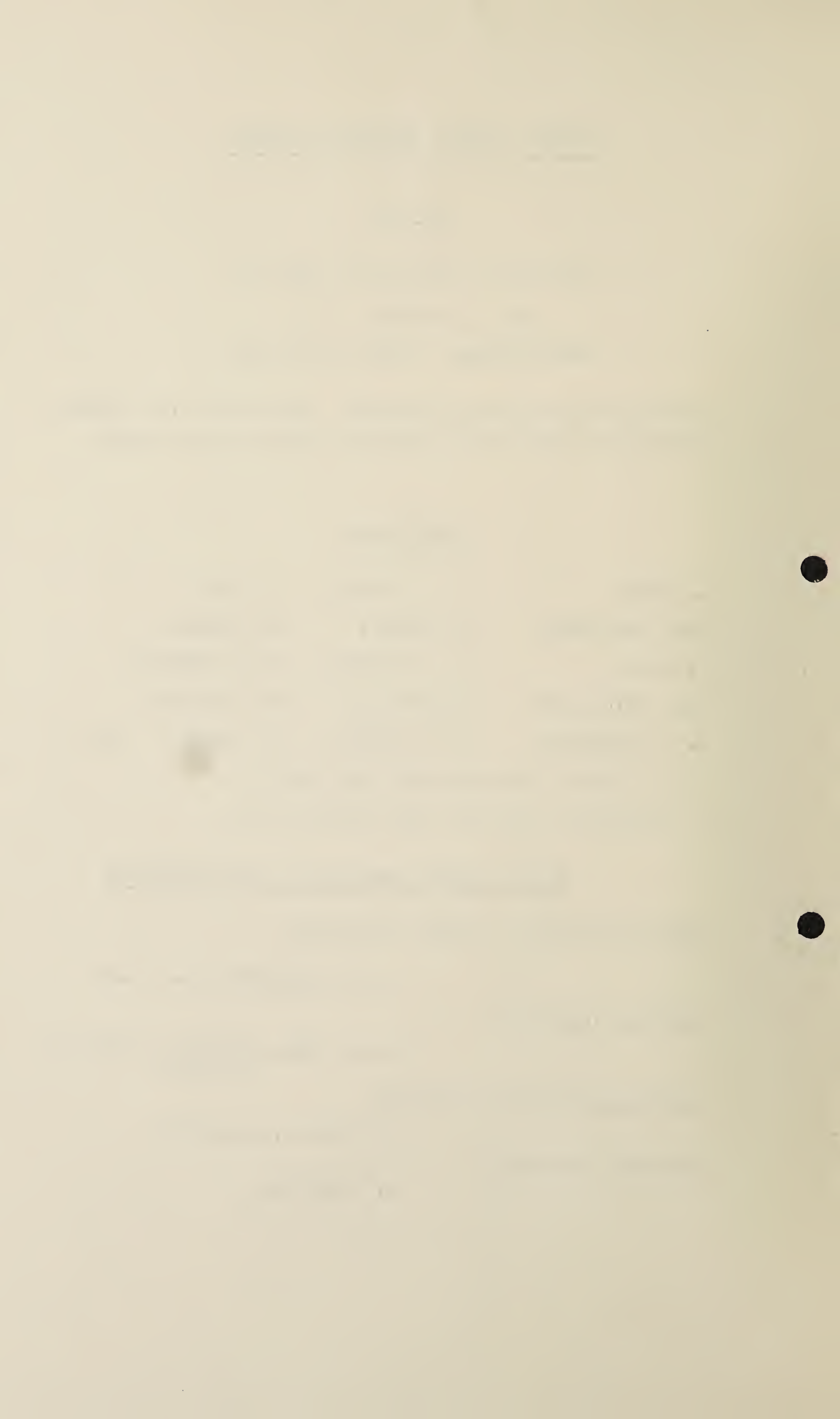
Additional Sanitary Inspector:

J. CLOUGH., A.R.San.I.

Clerical Assistant:

S. THOMPSON.

: : : :



ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH

YEAR ENDING. 31st DECEMBER. 1953.

Mr. Chairman and Gentlemen,

I have the honour of submitting to you my Annual Report upon the Vital Statistics and Sanitary Work of the District during the year ending 31st December, 1953.

P. V. ANDERSON.
Medical Officer of Health.

VITAL STATISTICS

POPULATION.

The Registrar General's figures for the area at Mid 1953 show the resident population as 14,340, this being a decrease of 140 over the previous year.

BIRTH RATE. (Comparability Factor 1.03)

<u>ve Births.</u>	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>	<u>Birth Rate per 1,000 population.</u>	
Legitimate.	111	108	219	15.97	Crude
Illegitimate.	6	4	10	16.45	Corrected
Totals.	<u>117</u>	<u>112</u>	<u>229</u>		

The Birth Rate per 1,000 of the population shows a decrease over previous years.

<u>Still Births.</u>	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>	<u>Still Birth Rate per 1,000 population.</u>	
Legitimate.	6	5	11		
Illegitimate.	-	-	-		.77
Totals.	<u>6</u>	<u>5</u>	<u>11</u>		

The Still Birth Rate shows a satisfactory decrease over previous years.

DEATH RATE.

Deaths in Shildon Area as per Returns to Medical Officer of Health.	120	No.
Deaths outside Shildon Area.	<u>45</u>	No.
Total Deaths notified.	<u>165</u>	No.

Age Groups of Deaths in Shildon.

Under 1 yr	1/5	5/15	15/25	25/45	45/60	60/70	70/80	Over 80	Total
1	-	1	-	4	11	31	48	24	120

Age Groups of Deaths outside the Area.

Under 1 yr	1/5	5/15	15/25	25/45	45/60	60/70	70/80	Over 80	Total.
5	-	-	1	3	10	10	13	3	45

DEATH RATE (Contd)

Causes of Death, 1953.	Male	Female
All Causes.	96	69
Tuberculosis (respiratory system)	1	2
Other Tubercular Disease.	-	-
Syphilitic Disease.	-	-
Diphtheria.	-	-
Whooping Cough.	-	-
Meningococcal Infections.	-	-
Acute Poliomyelitis.	-	-
Measles.	-	-
Other Infective and Parasitic Diseases.	1	2
Malignant neoplasm, stomach.	3	1
Malignant neoplasm, lung, bronchus.	4	1
Malignant neoplasm, breast.	-	1
Malignant neoplasm, uterus.	-	-
Other Malignant and Lymphatic neoplasms.	7	4
Leukamia aleukaemia.	-	-
Diabetes.	-	2
Vascular lesions of nervous system.	15	12
Coronary Disease angina.	12	10
Hypertension with heart disease.	3	2
Other Heart disease.	12	15
Influenza.	-	-
Other circulatory disease.	7	5
Pneumonia.	2	2
Bronchitis.	9	1
Other disease of respiratory system.	1	1
Ulcer of stomach and duodenum.	2	-
Gastritis, enteritis and diarrhoea.	-	-
Nephritis and nephrosis.	1	-
Hyperplasia of prostate.	1	-
Pregnancy, childbirth, abortion.	-	1
Congenital malformations.	-	-
Other defined and ill-defined diseases.	9	7
Motor vehicle accidents.	2	-
All other accidents.	1	-
Suicide.	3	-
Homicide and operations of war.	-	-
	96	69

DEATH RATE (Contd) (Comparability Factor 1.06.)

	M	F	Total	Rate.			
Deaths	96	69	165	11.50	per 1,000 population.	Crude.	
				12.19	,, ,, ,,	Corrected.	
Under 1 year	4	2	6	26.2	,, ,, Live Births.		
Still Births.	6	5	11	48.0	,, ,, ,, ,,		

The Death Rate of 11.5 per 1,000 population compares well with 13.53 for the previous year and is the lowest since 1939. The Death Rate for the Country (England & Wales) is 11.3 per 1,000 population.

The total number of Births in excess of Deaths during the year was 64 as against 58 for the previous year and 52 for 1951.

INFANT MORTALITY RATE.

The number of Deaths of children under the age of one year was 6, representing an Infant Mortality Rate per 1,000 Live Births of 26.2.

Of these 6, only 1 occurred in Shildon, producing an Infant Mortality Rate of 4.37 per 1,000 Live Births for Shildon Area only. This is a reduction on the previous year's figure which was 22.1.

The corresponding figure for England and Wales is 26.8 per 1,000 Live Births for year ending 1952.

SUMMARY OF STATISTICS.

	Death Rate per 1,000 pop'n	Inf. Mort. Rate per 1,000 Live Births	Still Birth Rate per 1,000 pop'n	Birth Rate per 1,000 pop'n
Country Average (England & Wales)	11.4	26.8	0.35	15.5
Shildon.	11.5	26.2	0.77	15.97
Shildon Area (only)		4.37		

Patient					Date		Time	
1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27

1. The patient is a male, aged 45 years, who has been suffering from a chronic cough and expectoration of sputum for the past 10 years. The cough is worse in the morning and after meals. The sputum is thick and yellowish. There is no hemoptysis. The patient has lost weight and has become increasingly fatigued. He has been treated with various antibiotics and cough syrups without success.

2. The patient has a long history of smoking cigarettes, about 20 cigarettes per day for the past 30 years. He has also smoked pipe tobacco for the past 10 years. He has never been exposed to asbestos or other known lung irritants.

3. The patient has a family history of chronic bronchitis and emphysema. His father and grandfather both died of lung disease. There is no history of tuberculosis in the family.

4. The patient has a physical examination that is unremarkable except for hyperinflation of the lungs and decreased breath sounds at the bases. There is no wheezing or crackles. The heart and lungs are otherwise normal.

5. The patient has a chest X-ray that shows hyperinflation of the lungs and a flattened diaphragm. There is no evidence of consolidation, mass, or pleural effusion. The heart size is normal.

6. The patient has a pulmonary function test that shows a significant decrease in forced expiratory volume in the first second (FEV1) and a normal forced vital capacity (FVC). This is consistent with obstructive pulmonary disease.

7. The patient has a sputum culture that shows no growth of bacteria. There is no evidence of fungal infection or acid-fast bacilli.

Laboratory				Date	
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18

INFECTIOUS DISEASES

Table of Cases as notified in the whole district set out in age groups.
Civilians only.

Infectious Disease.	Under 1 yr.	1/2	2/3	3/4	4/5	5/10	10/15	15/20	20/35	35/45	45/61	61 and over	At all ages
Scarlet Fever.	-	-	2	6	19	36	17	2	-	2	-	-	84
Diphtheria.	-	-	-	-	-	1	-	-	-	-	-	-	1
Puerperal Pyrexia.	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia.	-	-	-	1	-	2	1	-	-	3	3	2	12
Measles.	9	29	25	27	36	27	-	-	-	-	-	-	153
Whooping Cough.	3	5	5	4	5	2	-	-	-	-	-	-	24
Erysipelas.	-	-	-	-	-	-	-	-	1	1	2	-	4
Poliomyelitis.	-	-	-	-	-	-	-	1	-	-	-	-	1
Tuberculosis:-													
1. Males.													
Pulmonary.	-	-	-	-	-	-	1	-	2	2	1	2	8
2. Non-Pulmonary.	-	-	-	-	-	-	-	1	-	-	-	1	2
1. Females.													
Pulmonary.	-	-	-	1	-	-	-	-	2	1	-	-	4
2. Non-Pulmonary.	-	-	-	-	-	-	1	-	-	-	-	-	1
Paratyphoid Fever.	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever.	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningitis.	-	-	-	-	-	-	-	-	-	-	-	-	-
Food Poisoning.	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis.	-	-	-	-	-	-	-	-	1	-	-	-	-
	12	34	32	39	60	68	20	4	6	9	6	5	295

TUBERCULOSIS

The following cases remained on the register at the end of the year:-

	<u>Pulmonary</u>	<u>Non-Pulmonary</u>	<u>Total</u>
Males	53	17	70
Females	41	20	61
	<u>94</u>	<u>37</u>	<u>131</u>

This shows an increase of 12 Pulmonary and 3 Non-Pulmonary Cases over the previous year.

The number of known Tuberculosis cases in the District represents 0.91% of the population, an increase of 0.11% over the previous year.

There were 15 cases notified during the year of which 12 were Pulmonary.

Age groups of 15 cases notified during the year.

	<u>Pulmonary</u>		<u>Non-Pulmonary</u>	
	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>
Under 1 yr.	-	-	-	-
1 - 5 yrs.	-	1	-	-
5 -10 ,,	1	-	-	-
10 -15 ,,	-	-	-	1
15 -20 ,,	-	-	1	-
20 -25 ,,	2	2	-	-
25 -30 ,,	-	-	-	-
30 -35 ,,	-	-	-	-
35 -40 ,,	1	1	-	-
40 -45 ,,	1	-	-	-
45 -50 ,,	1	-	-	-
50 -60 ,,	-	-	-	-
60 -70 ,,	1	-	-	-
70 -80 ,,	1	-	1	-
	<u>8</u>	<u>4</u>	<u>2</u>	<u>1</u>

DIPHTHERIA IMMUNISATION

With the inception of the National Health Act, (5th July, 1948) this became the responsibility of the Durham County Council.

Only one case of Diphtheria was notified during the year but the diagnosis was Not Confirmed.

PARTICULARS OF DISTRICT.

Area (in acres)	4,828
(Eldon, Old Eldon, Fylands, Middridge)	
(and Brusselton)	
Number of inhabited houses in the district.	4,509
(of which 70 were constructed during the	
(year and 47 condemned and demolition)	
(order served under Section 11 of the)	
(Housing Act, 1936., the tenants of such)	
(houses demolished being re-housed by)	
(the Council.)	
Sum represented by a Penny Rate.	£178
Rateable Value.	£50,873

SANITARY CIRCUMSTANCES OF THE AREA.

Water Supply:-

The area is supplied by means of a piped supply of water provided by the Durham County Water Board and continues to be ample in all wards and is of excellent quality.

Regular bacteriological and chemical tests are carried out by the Durham County Water Board on the supply to the district which have proved satisfactory.

Refuse Collection:-

The whole area is serviced by the Council, this service including the collection of house refuse, trade refuse and salvage.

Collection of Kitchen Waste:-

Since the commencement of the collection of Kitchen Waste in 1949, the total amount collected is as follows:-

<u>Year.</u>	<u>Description.</u>	<u>Tons.</u>	<u>Cwts.</u>
1949	Raw Kitchen Waste.	24.	3.
1950	„ „ „	110.	16.
1951	„ „ „	66.	8.
1952	„ „ „	52.	13.
1953	„ „ „	45.	13.

The amount collected in 1953, namely, 45.ton. 13 cwts. realised £170. 0s. 4d., in value.

The amounts of Processed Kitchen Waste sold to Pig-Keepers in the area is as follows:-

<u>Year</u>	<u>Amount Sold.</u>		<u>Value.</u>			<u>Cost to Council for Processing.</u>		
	<u>Tons.</u>	<u>Cwts.</u>	<u>£.</u>	<u>s.</u>	<u>d.</u>	<u>£.</u>	<u>s.</u>	<u>d.</u>
1950	35.	8.	270.	0.	2.	219.	17.	0.
1951	25.	2.	205.	4.	8.	178.	10.	2.
1952	20.	15.	250.	10.	10.	197.	9.	6.
1953.	26.	11.	240.	16.	11.	216.	13.	9.

Collection of Salvage:-

This service has been continued along with the normal collection of house refuse in the area and has proved highly successful during the year providing a substantial contribution to the General Rate Fund:-

<u>Description.</u>	<u>Tons.</u>	<u>Cwts.</u>	<u>£.</u>	<u>s.</u>	<u>d.</u>
Waste Paper (all types)	73.	18.	487.	13.	3.
Scrap Metal	37.	9.	163.	2.	6.

Drainage and Sewerage:-

The drains and sewers continue to work in a satisfactory manner and Sewage Works gives excellent results.

Rodent Control:-

One complete sewer treatment was carried out during October, 1953., the results of which continue to show a drop in the number of rats present in the Urban Area. In addition, private businesses and dwelling houses were also treated as and where necessary.

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SANITARY CIRCUMSTANCES OF THE AREA ... Contd.

Rodent Control.. Contd....

A full-time Rodent Operator is now employed by the Council for the purpose of carrying out this work.

The public are still requested to report promptly Rat Infestation to the Council Offices on becoming aware of rats and mice on their premises.

Number of premises visited.

341.

Number of baits laid.

1,364.

Summary of Notices and Work Done in the Sanitary Inspector's Department during the year 1953.

	No. of Informal Notices.	No. of Formal Notices.	No. Abated.
<u>1. Public Health Acts.</u>			
Dwelling Houses) Structural and Schools.) Defects.	80	171	131
Dwelling Houses) Foul and Schools.) Conditions.	-	-	-
Cowsheds	-	-	-
Bakehouses	6	-	6
Slaughter Houses	-	-	-
Deposits of Refuse and Manure.	-	-	-
Water Closets	3	-	3
Defective Yard Paving	-	-	-
House) Defective Traps.	-	-	-
Drainage) No Disconnection from Sewers. Other faults.	-	-	-
Water Supply.	-	-	-
Smoke Nuisances	-	-	-
Other Nuisances	11	-	11
	<u>100</u>	<u>171</u>	<u>151</u>
<u>II. Water, Food and Drugs.</u>			
Samples of Water taken for Analysis (water supplies are taken by Durham County Water Board)			-
Seizures of Unwholesome Food (voluntarily surrendered)			69
Samples of Food and Drugs taken for Analysis.			-
,, ,, ,, ,, ,, found adulterated.			-
<u>III. Precautions against Infectious Disease.</u>			
Lots of infectious Bedding Stoved or Destroyed.			2
Houses disinfected after Infectious Disease			84
<u>IV. General.</u>			
Number of New Houses Erected during the year.			70
Number of such Houses occupied during the year.			70
Total Number of Water Closets in District.			4,120
Total Number of Ash Closets in District.			333

MILK RETAILERS.

There are thirteen (13) retail purveyors of Milk in the District, who are supplying either Pastourised or Tuberculin Tested Milk (Pastourised.)

Frequent samples have been taken by the Inspector of Weights and Measures and also by the Durham War Agricultural Executive Committee's representatives and all were found to be satisfactory.

FOOD AND DRUGS (MEAT)

All meat for the Shildon Urban Area is supplied by the W.M.S.A., situate at Bishop Auckland where home-killed meat is inspected before delivery to this area.

Of the imported frozen meat delivered to this area, 576 $\frac{1}{2}$ lbs. were condemned as unfit for human consumption.

CLINICS AND TREATMENT CENTRES.

Maternity and Child Welfare centre provides for consultation and treatment twice weekly.

School Clinic provides for consultation and treatment twice weekly.

AMBULANCE FACILITIES.

Since 5th July, 1948., Ambulance Services have been provided by the Durham County Council, the centre for this area being Bishop Auckland, where six ambulances are available. In addition, a private ambulance is still available for subscribers who work at Shildon British Railway Wagon Works. Should none of these be available at any time, then the Bishop Auckland Centre calls upon the Pool for an ambulance the nearest emergency centre being Crook.

HOUSING.

The Council's Pre-War and Post-War Housing Programmes are summarised as follows:

1919 Act.	126 Houses erected.
1930-1935 Acts. (Slum Clearance,)	
(Overcrowding.)	100 ,, ,,
Post-War Temporary Houses.	44 ,, ,,
Post-War Permanent Houses.	321 ,, ,,
Post-War Aged Persons' Bungalows.	40 Erected. ,,

Since the opening of the Council's Housing List in June, 1946., the Council now have 281 applicants on their list for houses and 87 applicants for Bungalows.

Houses have been allocated on a Points Scheme, namely, Points for Overcrowding, Lack of Bedroom Accommodation and Standard of Existing Housing, Married Life and number of years on Waiting List since 1946.

Special cases due to serious illness, e.g., Tuberculosis or other urgent reasons, were re-considered under the Hardship List.

In addition, the Council has had to provide houses for Key Workers in the new factories in their area and has also provided accommodation for the Police to assist the Durham County Constabulary to provide better service to the area.

FACTORIES ACT, 1949.

Visits are paid regularly to the factories in the District to ensure that they comply with the various Provisions, Rules and Orders under this Act, especially those with regard to Adequate Means of Escape in the event of Fire.

I remain,

Mr. Chairman and Gentlemen,

Your obedient Servant,

P. V. ANDERSON.

Medical Officer of Health.
Shildon Urban District Council.

